

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
 Data File : BM028617.D
 Acq On : 29 Jan 2021 21:53
 Operator : CG/JU
 Sample : M1241-01RE 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FACILITY-1RE

Quant Time: Jan 29 23:51:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

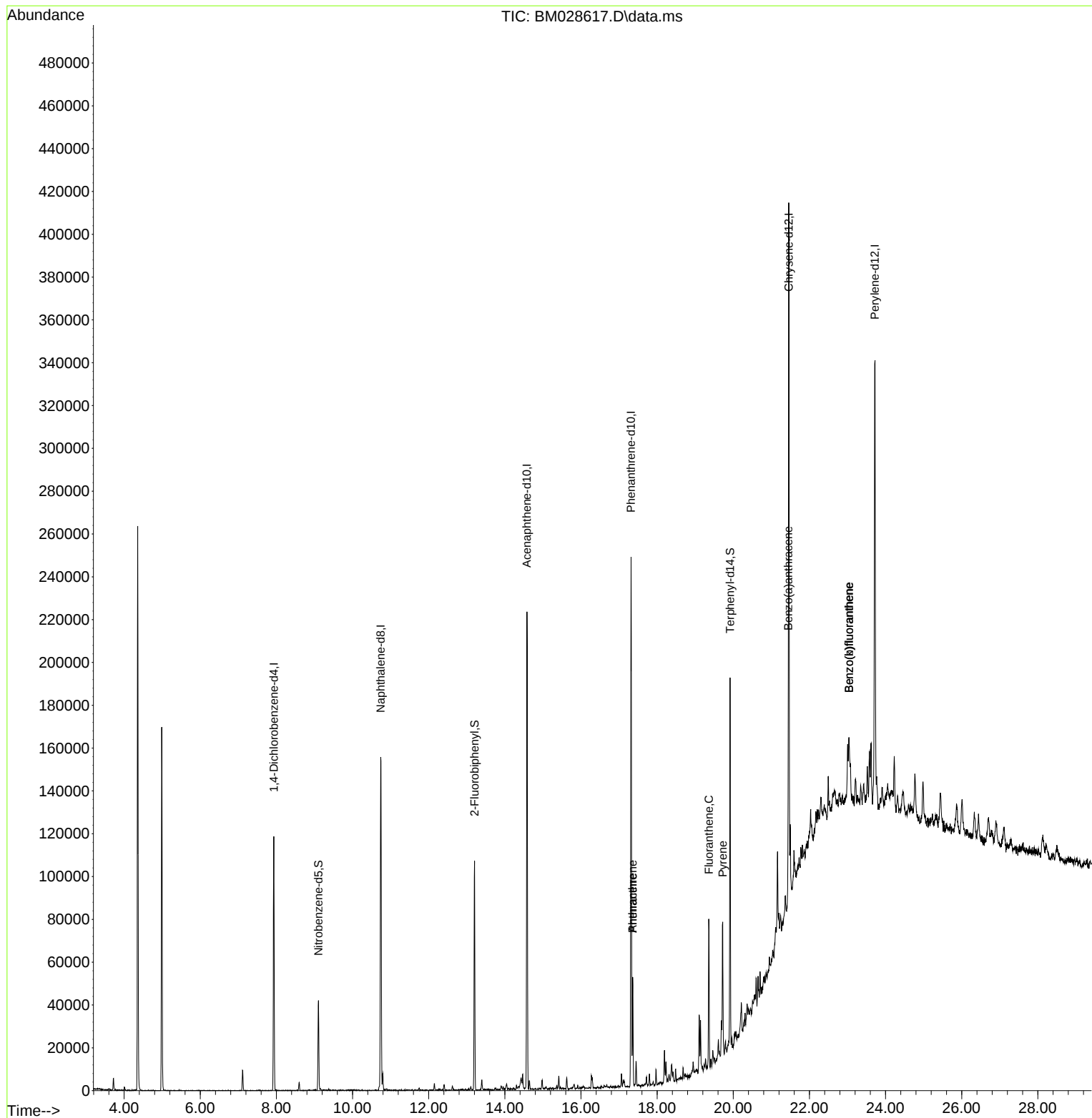
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	33339	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	128769	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	71440	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	138960	20.00	ng	# 0.00
76) Chrysene-d12	21.456	240	134209	20.00	ng	#-0.01
86) Perylene-d12	23.715	264	138345	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	257	0.12	ng	0.00
7) Phenol-d6	7.110	99	5655	1.97	ng	-0.01
23) Nitrobenzene-d5	9.104	82	22869	8.42	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.204	172	52313	9.19	ng	0.00
79) Terphenyl-d14	19.915	244	64729	8.71	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.357	178	29962	3.51	ng	99
72) Anthracene	17.357	178	29962	3.63	ng	99
75) Fluoranthene	19.356	202	37507	3.91	ng	95
78) Pyrene	19.721	202	34451	3.58	ng	98
81) Benzo(a)anthracene	21.445	228	19317	2.08	ng	97
88) Benzo(b)fluoranthene	23.039	252	28102	2.99	ng	# 82
89) Benzo(k)fluoranthene	23.039	252	28102	3.06	ng	# 82

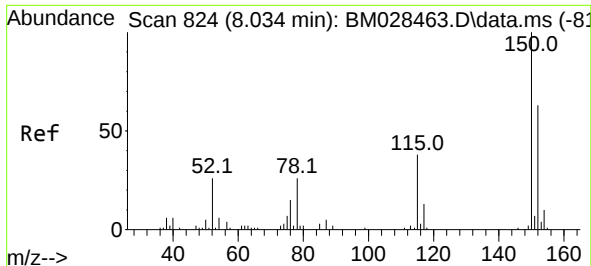
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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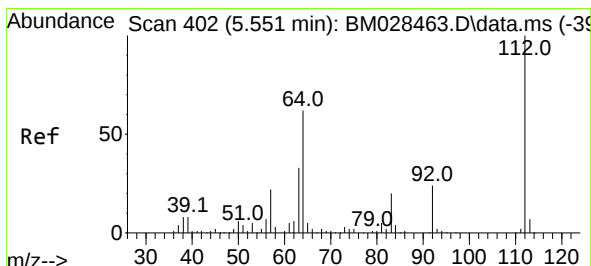
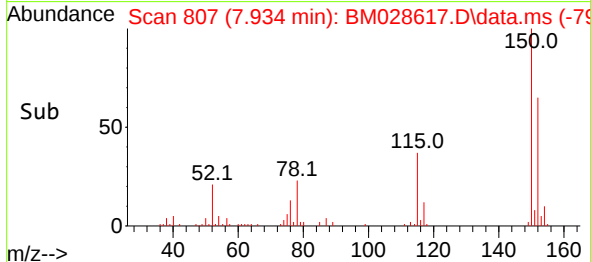
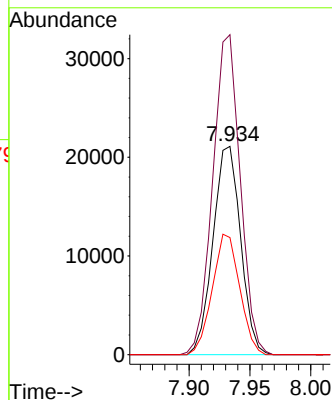
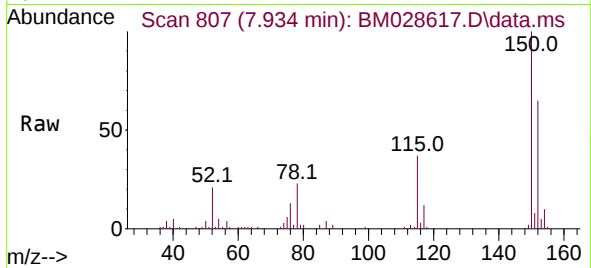




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.934 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

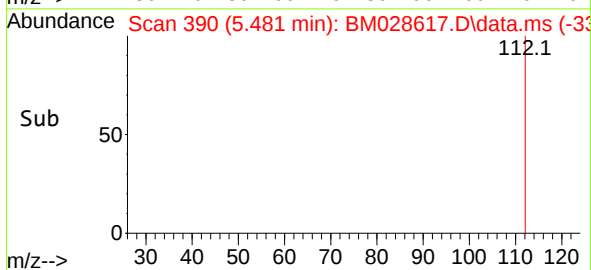
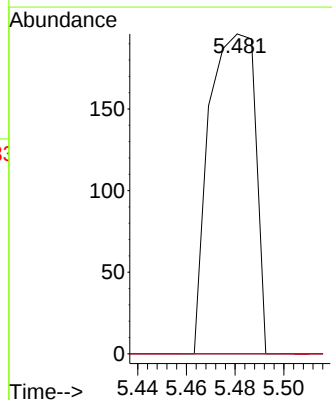
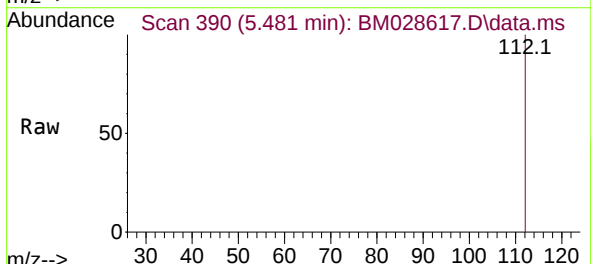
Instrument :
BNA_M
ClientSampleId :
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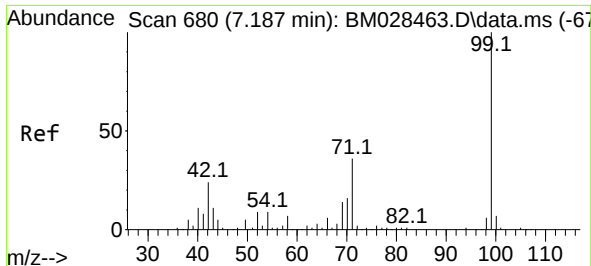
Tgt Ion:152 Resp: 33339
Ion Ratio Lower Upper
152 100
150 153.6 120.6 181.0
115 56.2 47.2 70.8



#5
2-Fluorophenol
Concen: 0.12 ng
RT: 5.481 min Scan# 390
Delta R.T. -0.000 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

Tgt Ion:112 Resp: 257
Ion Ratio Lower Upper
112 100
64 0.0 50.6 76.0#
63 0.0 31.0 46.6#

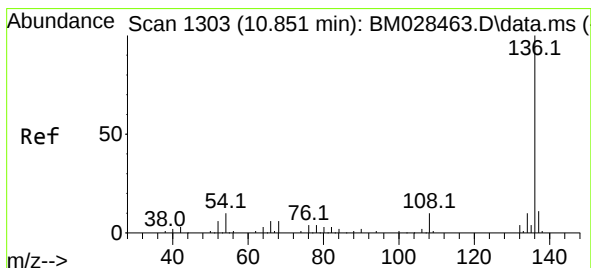
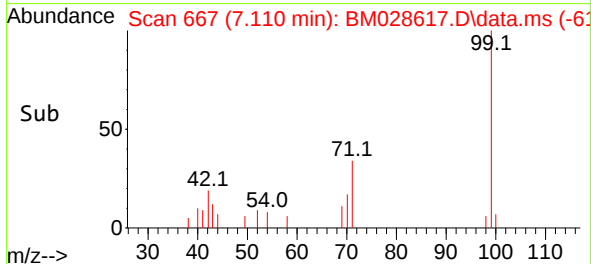
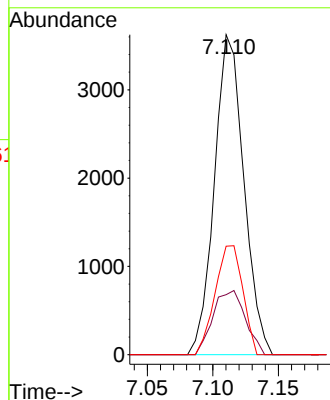
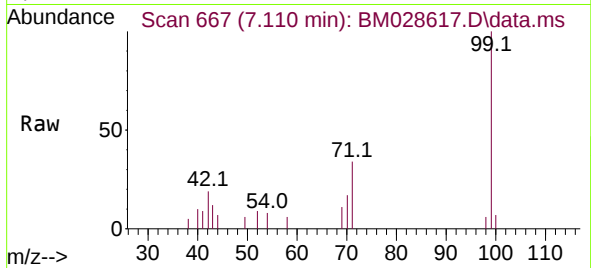




#7
Phenol-d6
Concen: 1.97 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

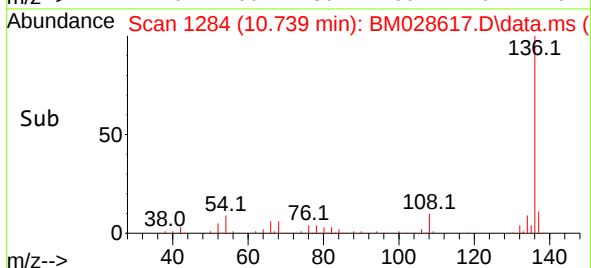
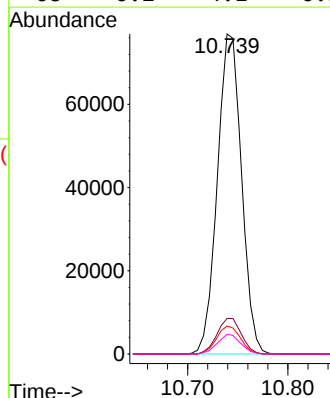
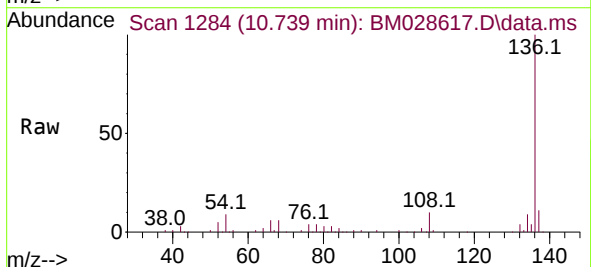
Instrument :
BNA_M
ClientSampleId :
FACILITY-1RE

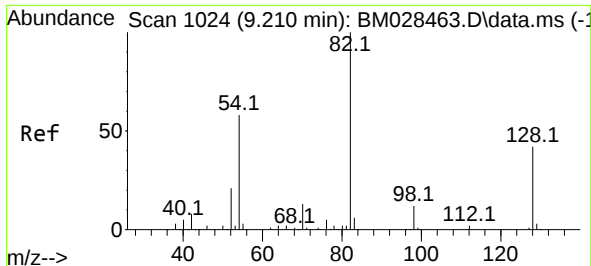
Tgt Ion:	99	Resp:	5655
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.5	20.3
71	33.9	39.4	59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

Tgt Ion:	136	Resp:	128769
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.7	4.6	7.0#
68	6.2	4.1	6.1#

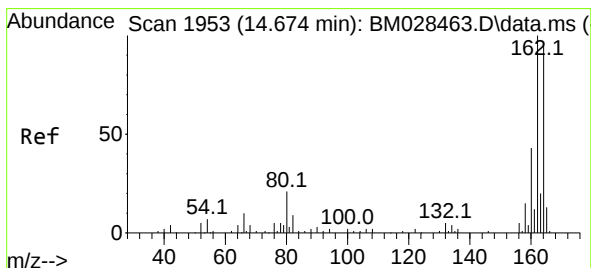
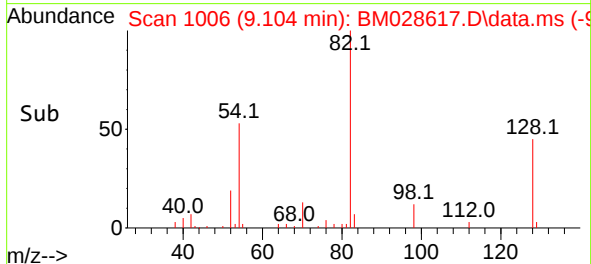
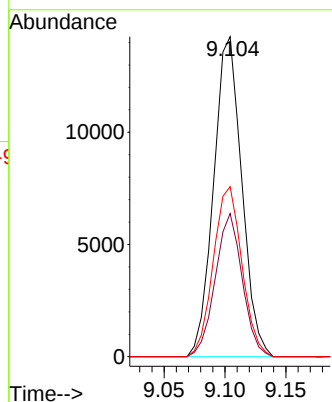
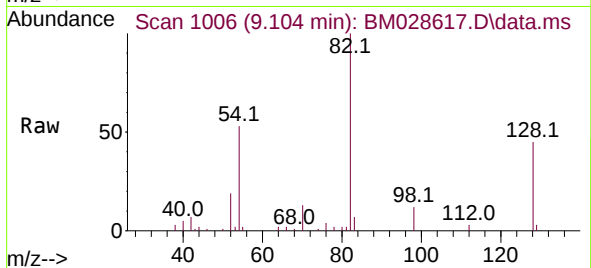




#23
Nitrobenzene-d5
Concen: 8.42 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

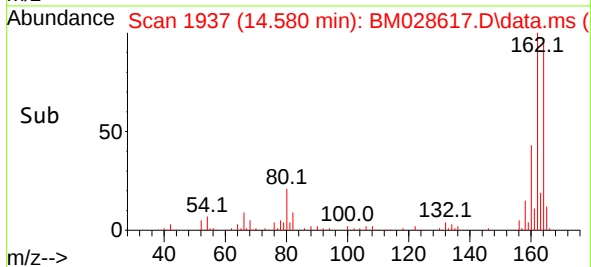
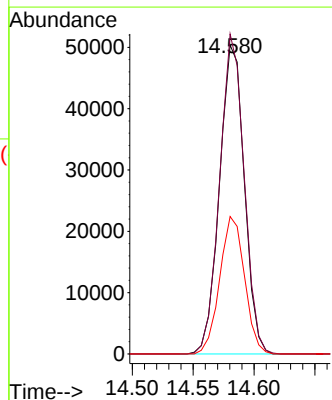
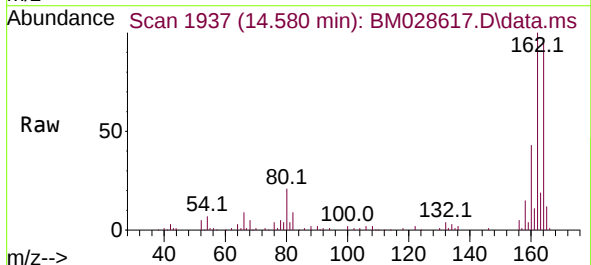
Instrument :
BNA_M
ClientSampleId :
FACILITY-1RE

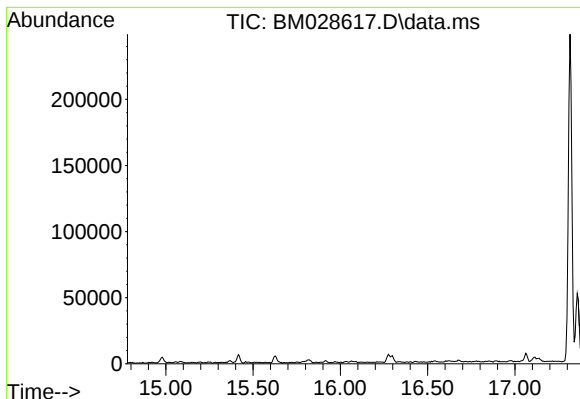
Tgt Ion: 82 Resp: 22869
Ion Ratio Lower Upper
82 100
128 44.7 27.4 41.0#
54 53.1 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

Tgt Ion: 164 Resp: 71440
Ion Ratio Lower Upper
164 100
162 103.6 80.4 120.6
160 44.5 35.9 53.9



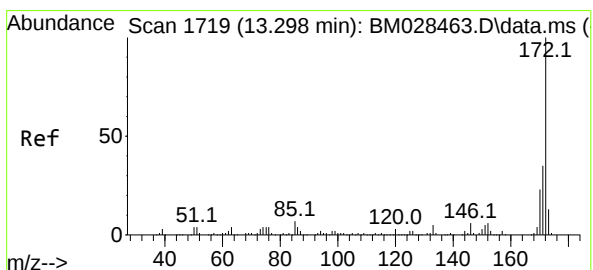
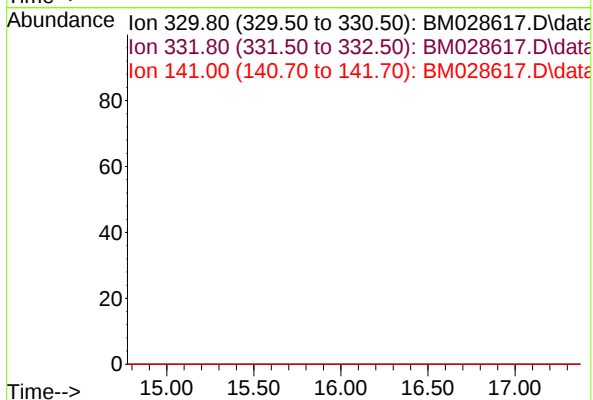


#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.07 min

Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

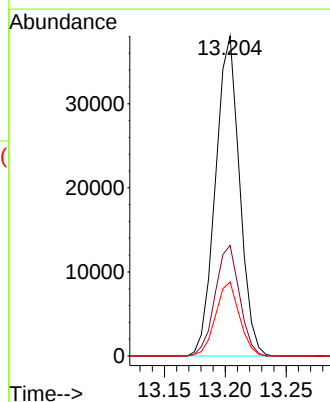
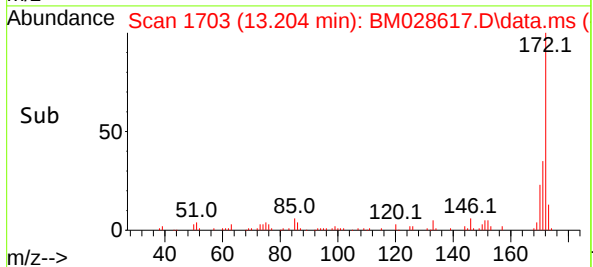
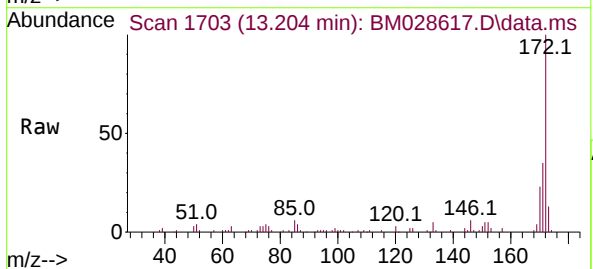
Tgt Ion: 330
Sig Exp Ratio
330 100
332 97.3
141 35.5

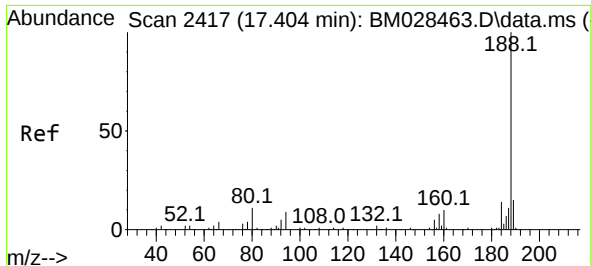
Instrument :
BNA_M
ClientSampleId :
FACILITY-1RE



#45
2-Fluorobiphenyl
Concen: 9.19 ng
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

Tgt Ion: 172 Resp: 52313
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.1 18.6 27.8

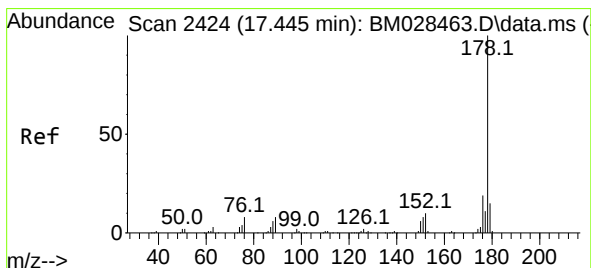
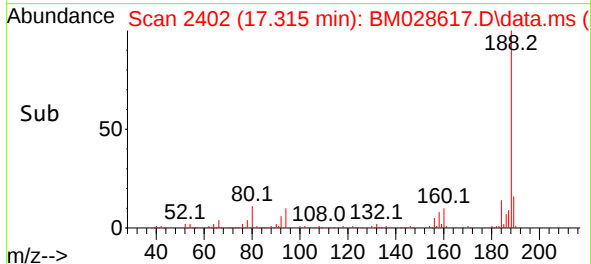
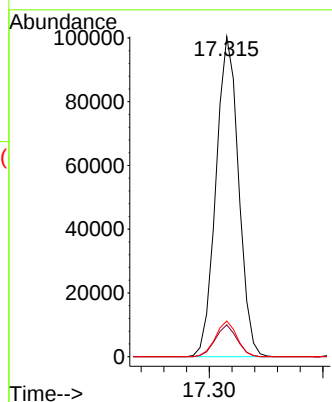
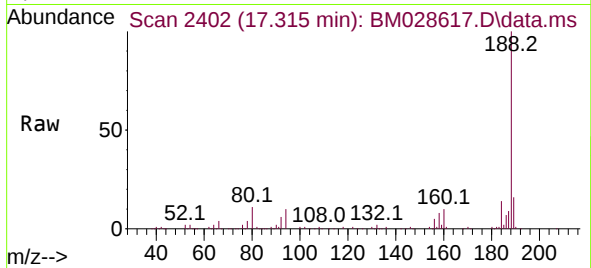




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

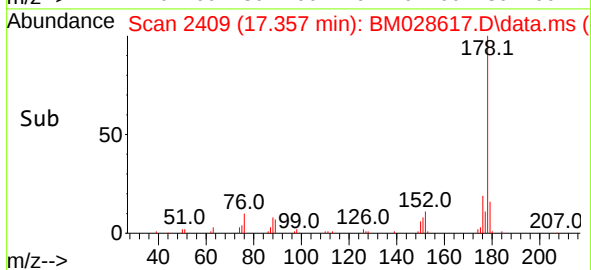
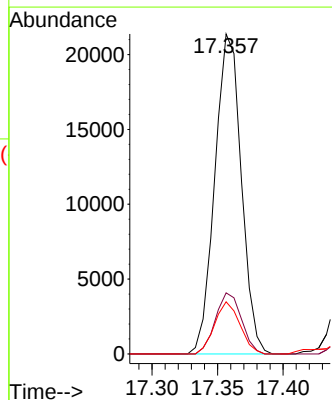
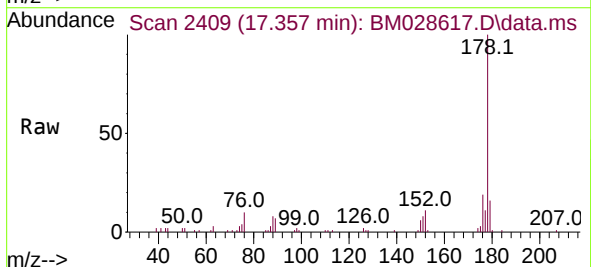
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FACILITY-1RE

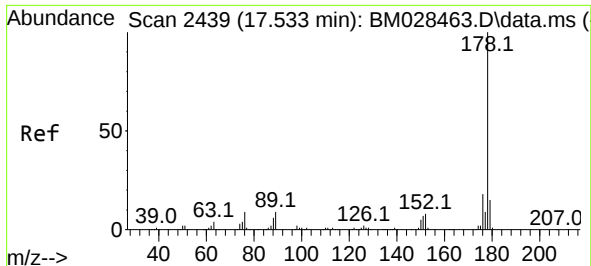
Tgt Ion:188 Resp: 138960
Ion Ratio Lower Upper
188 100
94 9.9 6.2 9.4#
80 11.2 7.5 11.3



#71
Phenanthrene
Concen: 3.51 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

Tgt Ion:178 Resp: 29962
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 16.3 12.2 18.4

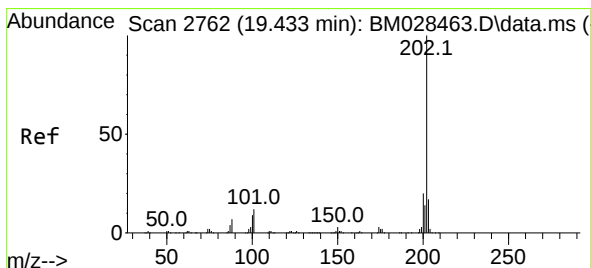
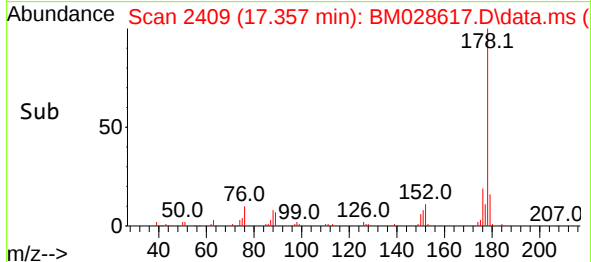
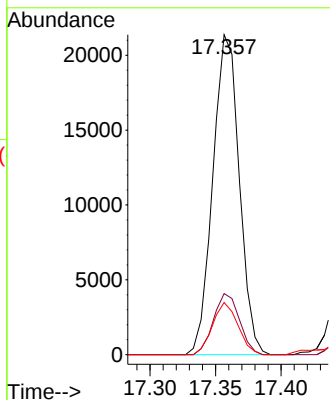
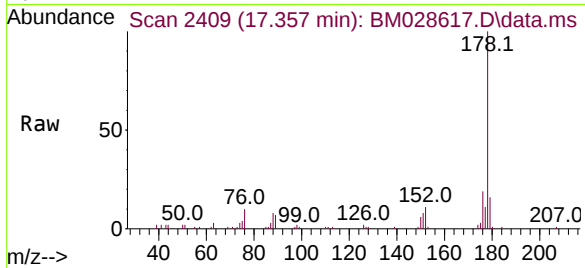




#72
 Anthracene
 Concen: 3.63 ng
 RT: 17.357 min Scan# 2409
 Delta R.T. -0.100 min
 Lab File: BM028617.D
 Acq: 29 Jan 2021 21:53

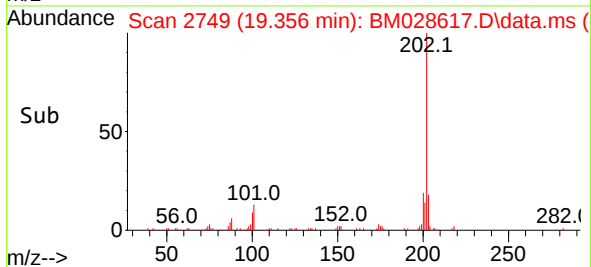
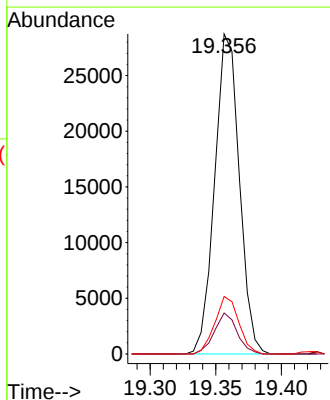
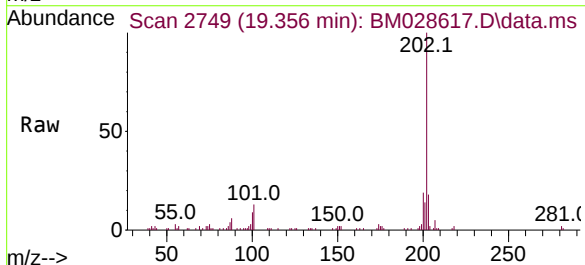
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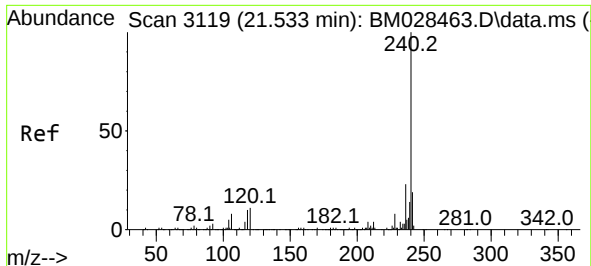
Tgt Ion:178 Resp: 29962
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.4
 179 16.3 12.5 18.7



#75
 Fluoranthene
 Concen: 3.91 ng
 RT: 19.356 min Scan# 2749
 Delta R.T. -0.012 min
 Lab File: BM028617.D
 Acq: 29 Jan 2021 21:53

Tgt Ion:202 Resp: 37507
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 28.5
 203 17.9 0.0 37.3

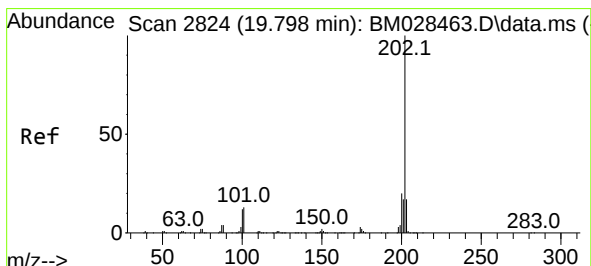
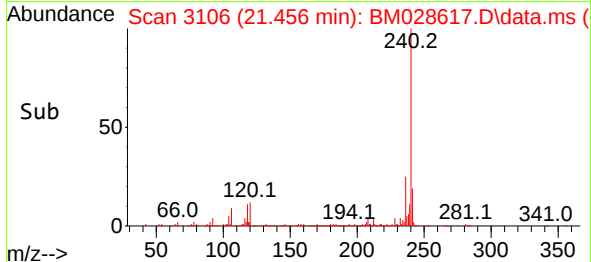
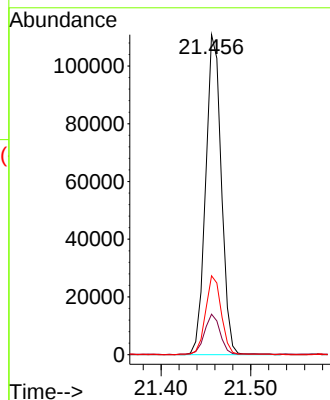
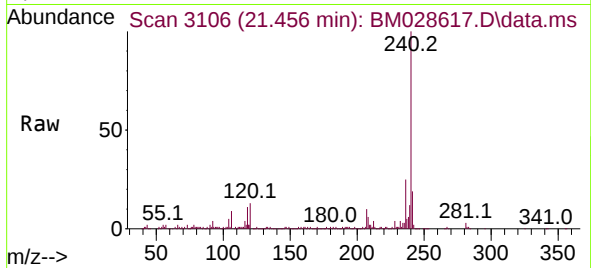




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

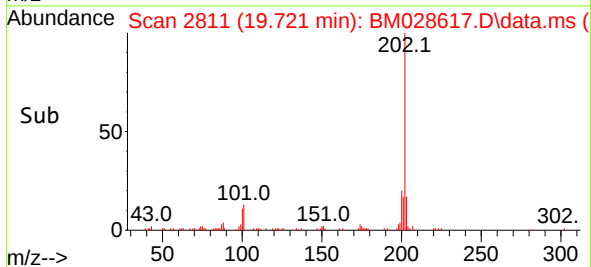
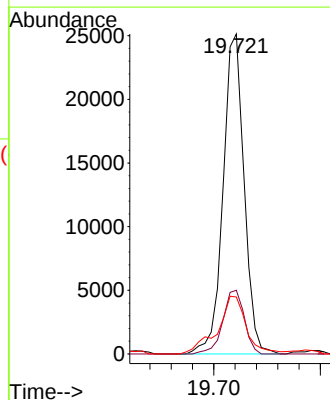
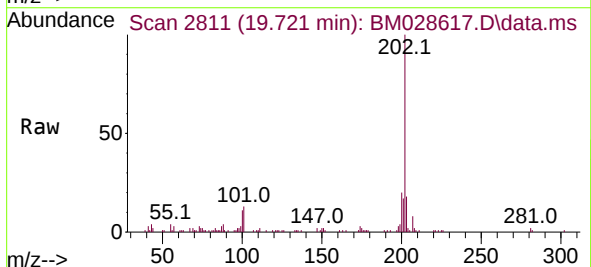
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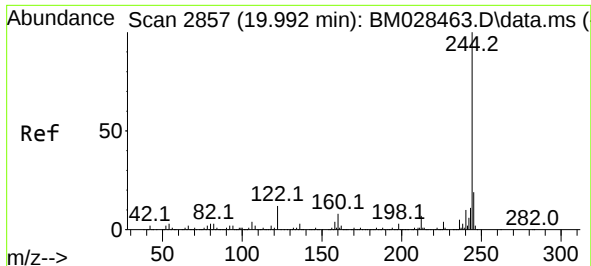
Tgt Ion:240 Resp: 134209
Ion Ratio Lower Upper
240 100
120 12.6 6.4 9.6#
236 24.7 20.1 30.1



#78
Pyrene
Concen: 3.58 ng
RT: 19.721 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM028617.D
Acq: 29 Jan 2021 21:53

Tgt Ion:202 Resp: 34451
Ion Ratio Lower Upper
202 100
200 19.9 16.6 24.8
203 17.8 13.8 20.6

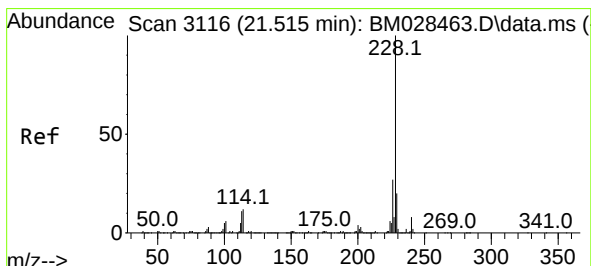
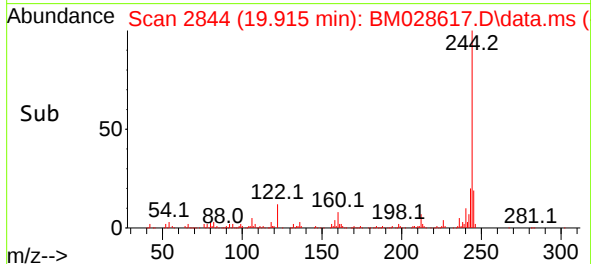
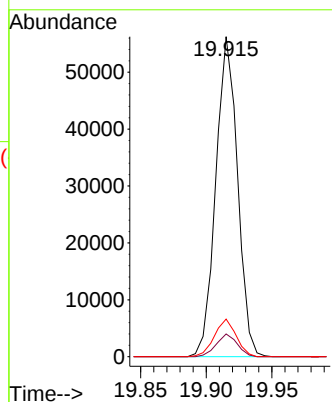
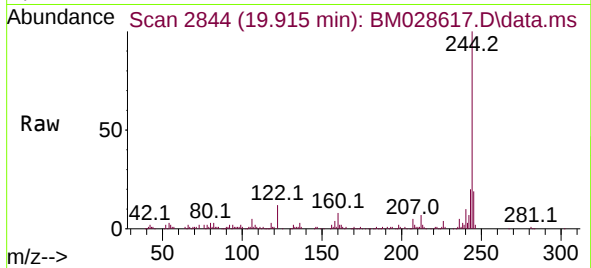




#79
 Terphenyl-d14
 Concen: 8.71 ng
 RT: 19.915 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM028617.D
 Acq: 29 Jan 2021 21:53

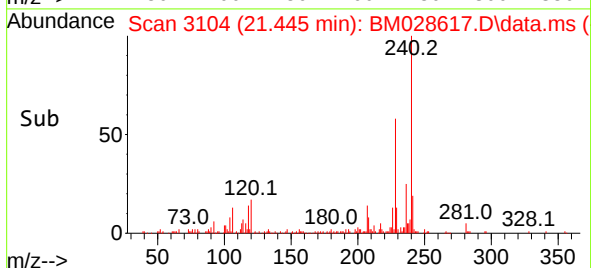
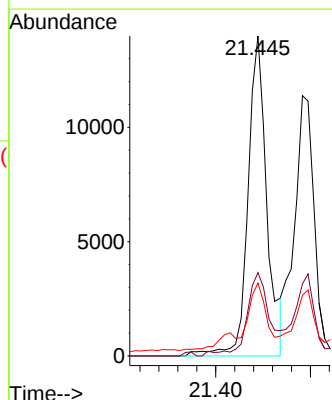
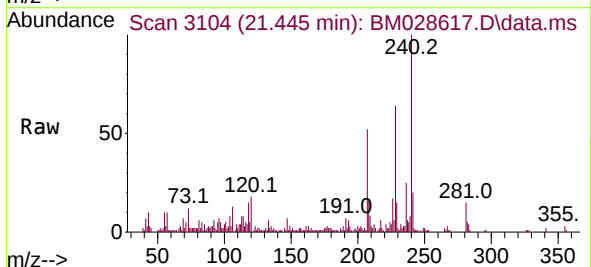
Instrument :
 BNA_M
 ClientSampleId :
 FACILITY-1RE

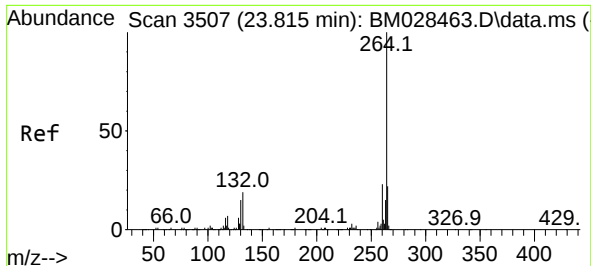
Tgt Ion:244 Resp: 64729
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.7 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 2.08 ng
 RT: 21.445 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BM028617.D
 Acq: 29 Jan 2021 21:53

Tgt Ion:228 Resp: 19317
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.1 31.7
 229 22.8 15.7 23.5

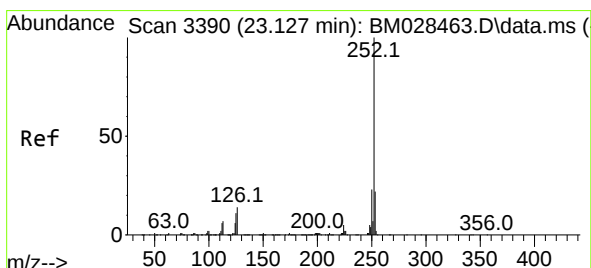
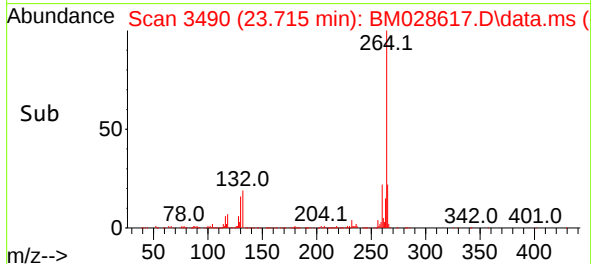
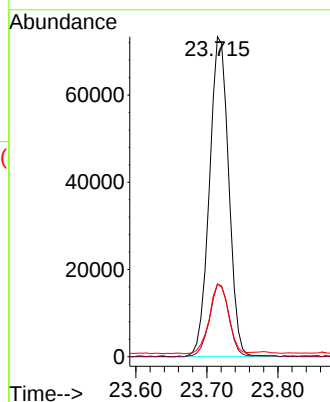
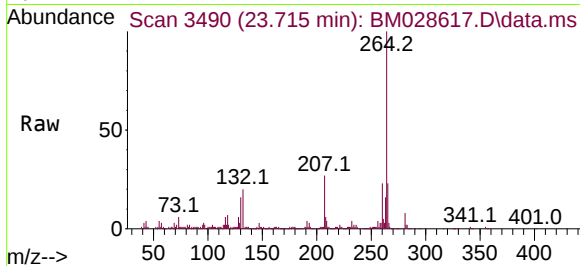




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.715 min Scan# 3490
 Delta R.T. -0.012 min
 Lab File: BM028617.D
 Acq: 29 Jan 2021 21:53

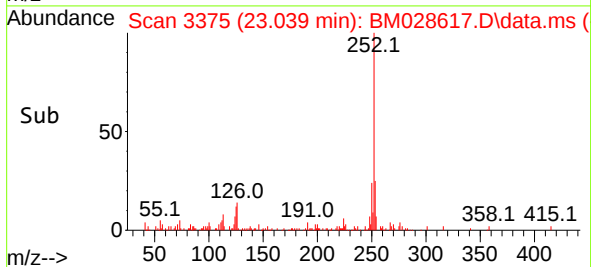
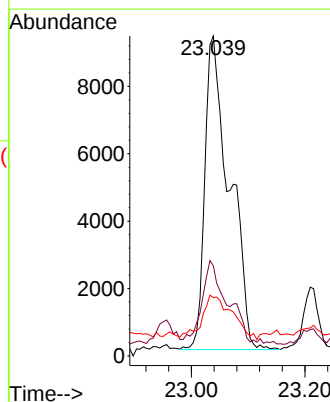
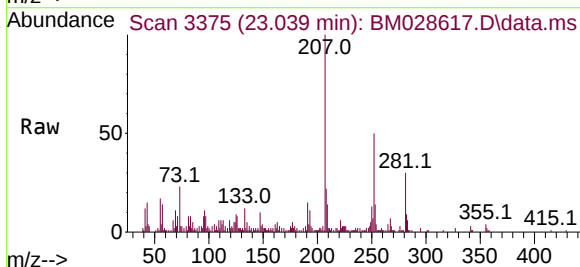
Instrument :
 BNA_M
 ClientSampleId :
 FACILITY-1RE

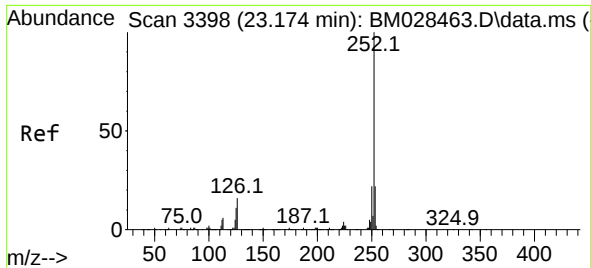
Tgt Ion:264	Resp:	138345
Ion Ratio	Lower	Upper
264	100	
260	22.7	19.0 28.4
265	22.7	17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 2.99 ng
 RT: 23.039 min Scan# 3375
 Delta R.T. -0.012 min
 Lab File: BM028617.D
 Acq: 29 Jan 2021 21:53

Tgt Ion:252	Resp:	28102
Ion Ratio	Lower	Upper
252	100	
253	28.2	17.4 26.0#
125	18.3	5.7 8.5#





#89

Benzo(k)fluoranthene

Concen: 3.06 ng

RT: 23.039 min Scan# 3375

Delta R.T. -0.053 min

Lab File: BM028617.D

Acq: 29 Jan 2021 21:53

Tgt Ion:252 Resp: 28102

Ion Ratio Lower Upper

252 100

253 28.2 17.4 26.0#

125 18.3 5.6 8.4#

